

ABSTRACT

The present invention relates to the use of porous materials, for transporting liquids from a reservoir in a vapor dispensing device which addresses many of the shortcomings of the prior art, by selecting pore sizes and void volume ratios of the various wicking materials to fall within an effective range to obtain effective control of liquid delivery. For example, in accordance various aspects of the present invention, a porous polymeric wick is comprised of various polymeric materials having pore sizes less than about 250 microns and void volume ratios from about 25 to about 60%.

FIG. 1